

AGENDA

- EXPLANATION OF CMP
- 2. EMERGENCY PROJECTS LAST WINTER
- CURRENT EMERGENCY PROJECTS
- 4. FUTURE STORM DRAIN REHABILITATION PROJECTS





CORRUGATED METAL PIPE (CMP)

PROS: Inexpensive, ease of installation, flexible, 50-year design life

CONS: Subject to corrosion → pipe failure → sinkholes

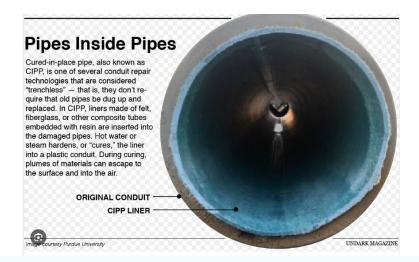
Options: Remove and replace OR rehabilitate/line





CMP LINING TYPES

- 1. Cured In Place (CIP) Lining
- 2. Slip Lining







RECENT & CURRENT EMERGENCY PROJECTS





CMP LINING COSTS

COST TO LINE CMP STORM DRAIN LINES

-18-Inch Diameter CMP: \$400/LF

-24-Inch Diameter CMP: \$500/LF

-36-Inch Diameter CMP: \$750/LF

Not including Traffic Control, WPCP



CMP LINING COSTS

- -City executed Annual Storm Drain Lining Projects in 2015 & 2018
- -City Fund CD05E receives \$250,000 annually to maintain
- -CD05E just received \$500,000 July 2023
- -City has Identified 124 CMP Storm Drain Lines Needing Maintenance
- -Total estimated cost for all City CMP Lining: \$4,800,000

